



GARY R. HERBERT
Governor
SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining

MICHAEL R. STYLER
Executive Director
JOHN R. BAZA
Division Director

Inspection Report

Minerals Regulatory Program

April 30, 2015

Reviewed:

Mine Name: USFS Pass Quarry	Permit Number: S/027/0121
Operator Name: Millard County	Inspection Date: February 5, 2015
Inspector(s): Peter Brinton	Time: early afternoon
Other Participants: none	Mine Status: Reclaimed

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Soils	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Revegetation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Permit fee: Not Required

Bond Renewal Date: N/A

Bond Amount: \$14,600

Purpose of Inspection: Determine whether partial reclamation was complete, as required

Inspection Summary: The site was completely regraded to stable slopes, and it is assumed that the operator has completely terminated production at this quarry. A significant rock stockpile remains at the west edge of the disturbance; the road to the pile has been ripped. The regrading job was excellent. Overburden was regraded nearly to the original contour in most places at the edges of the disturbance. A stable, unmined rock outcrop remains at the east edge of the quarry (as it did prior to mining), fits with the surrounding environment, and is acceptable. A little exposed soil will erode off of the exposed outcrops. No significant erosion on graded slopes is anticipated. Slopes are fairly smooth (e.g. no ripping on contour), and significant run-on (which is not very likely) could cause rilling. Soil was spread on graded slopes, was tracked on the contour, and should enable good growth. The original road (which had been widened) was ripped on the east side to reduce the width. Some spread grass seed was visible. Storksbill and a few unidentified grasses were starting to grow on one edge of regraded areas. An unidentified rosette (perhaps tumble mustard) was also present. Surrounding areas are a mix of cheatgrass, native grasses, and shrubs, with cheatgrass often being dominant.

See photos. The total unreclaimed disturbance area was determined to be about 5 acres, including the widened road.

Conclusions and Recommendations: The site was graded and seeded. Earthwork was excellent. Upon receipt of a request by Millard County and the concurrence of USFS, a partial reclamation bond release is recommended. The Division will evaluate revegetation success during future visits over the next three years.

Inspector's Signature

PNB: pbb

cc: Brandon Winget, Millard County; millardcountyrad@yahoo.com

James Withers, Millard County; jwithers@co.millard.ut.us

Rob Hamilton, USFS-Fishlake National Forest (MM-FIL1401); rhamilton@fs.fed.us

P:\GROUPS\MINERALS\WP\M027-Millard\S0270121-USFSPassQuarry\inspections\INSP-02052015.doc



Active operations, looking northeast.



The regraded site, looking northeast. Note the pre-mining outcrops.



Rock outcrop during active mining. Photo taken April 17, 2014.



Largely reburied rock outcrops. Minor soil will slough off slopes in the rear.



View looking up the graded slopes to the east. Note the smoothness.



Haul road reduced by ripping the east side.